

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

X	Original		Supplemental		Substitute
My r I be and whice	a below named inventor, I residence, post office add lieve I am the original, fil joint inventor (if more that the a United States patent NZOTHIAZOLE DERIVA' specification of which:	ress and st and so an one na is sought	citizenship are as stat le inventor (if only on me is listed below) of on the invention entitl	e name is listed belo the subject matter wh led	ich is claimed and for
	is attached hereto.		,		
	was filed on and, if this box (□) o was amendo	contains a	as Applica onth/year) n × day/month/year)	ation No.	·
X	PCT/EP03/08824	contains	on Treaty internationa on 08/08/20 (day/month/ an × stage in the United Sta	year)	ed Application No.
	and, if this box (□) □ was amend	contains ded, subs	an × equent to entry into the	e national stage, on	(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

I hereby claim the beau under 35 U.S.C. 119(a)-(d) or (f) or 365(b) any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter.

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	Р	RIORIT	Y CLA	IMED
Great Britain	0218629.4	09/08/2002	X	Yes		No
Great Britain	0220955.9	10/09/2002	X	Yes		No
				Yes		No
				Yes		No
				Yes		No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

APPLICATION NO.	FILING DATE
	(day/month/year)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

United States	United States	Status (Pending,	International		
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date	
	(day/month/year)	Patent No.)		(dav/month/year)	

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box (□) contains an x ☒, I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor	Bernard CUENOUD		
Inventor's signature		Date -	(day/month/year)
Residence	1006 Lausanne, Switzerland		
Citizenship	citizen of Switzerland		
Post Office Address	Rue Voltaire 7 1006 Lausanne Switzerland		
Full name of second joint inventor, if any	Robin Alec FAIRHURST		
Inventor's signature		Date	(day/month/year)
Residence	West Sussex RH12 5AB, Great Britain		
Citizenship	citizen of Great Britain		
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain		

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

Full name of third joint inventor, if any	Roger John TAYLOR		
Inventor's signature		Date _	(day/month/year)
Residence	West Sussex RH12 5AB, Great Britain		
Citizenship	citizen of Great Britain		
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain		
Full name of fourth joint inventor, if any	David BEATTIE		
Inventor's signature		_ Date	(day/month/year)
Residence	West Sussex RH12 5AB, Great Britain		
Citizenship	citizen of Great Britain		
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain		
Full name of fifth joint inventor, if any			
Inventor's signature		Date	(day/month/year)
Residence			
Citizenship			
Post Office Address			

and, if this box () contains an *

and, if this box (□) contains an ×

П

PO Resid PCT/PTO 26 JAN 2008

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION ☐ Substitute Supplemental Original As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled BENZOTHIAZOLE DERIVATIVES HAVING BETA-2-ADRENORECEPTOR AGONIST ACTIVITY the specification of which: is attached hereto. as Application No. П was filed on (day/month/year) and, if this box (□) contains an × was amended on (day/month/year) was filed as Patent Cooperation Treaty international Application No. ΙXΙ 08/08/2003 PCT/EP03/08824 (day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

was amended, subsequent to entry into the national stage, on

entered the national stage in the United States and was accorded Application No.

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

(day/month/year)

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COUNTRY/REGION	0218629.4 09/08/2002 ☑ Yes	RIORIT	ITY CLAIMED			
(OR P.C.T.) Great Britain	0218629.4		×	Yes		No
Great Britain	0220955.9	10/09/2002	09/08/2002 ☑ Yes 10/09/2002 ☑ Yes □ Yes		No	
Great Britain	•			Yes		No
				Yes		No
				Yes		No

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FILING DATE (day/month/year)

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United States Application No.	United States Filing Date (day/month/year)	Status (Pending, Abandoned or U.S. Patent No.)	Interna Application No.	ational and Filing Date (day/month/year)

Copy for the Elected Office (EO/EP)

PCT/EP2003/008824

PATENT COOPERATION TREATY

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	From the INTERNATIONAL BUREAU				
PCT	To:				
NOTIFICATION OF THE RECORDING OF A CHANGE (PCT Rule 92bis.1 and Administrative Instructions, Section 422)	GRUBB, Philip Novartis AG Corporate Intellectuel Property CH-4002 Basel Switzerland				
Date of mailing (day/month/year) 12 January 2005 (12.01.2005)	the such that the second such				
Applicant's or agent's file reference 4-32610A/HO 61	IMPORTANT NOTIFICATION				
International application No. PCT/EP2003/008824	International filing date (day/month/year) 08 August 2003 (08.08.2003)				
The following indications appeared on record concerning: the applicant	the agent the common representative				
Name and Address	State of Nationality State of Residence				
	Telephone No.				
	Facsimile No.				
	Teleprinter No.				
2. The International Bureau hereby notifies the applicant that t	ha fallowing change has been seemed at accounting				
the person the name the add					
Name and Address TAYLOR, Roger, John Novarits Horsham Research Centre FO - Wimblehurst Road Horsham West Sussex RH12 5AB United Kingdom 2 0. 01					
United Kingdom Z U. U1.	2005				
117	Teleprinter No.				
Further observations, if necessary: The person identified in Box 2 has been added to States of America only and inventor for all designations.	o the record as applicant for the United inated states.				
4. A copy of this natification has been sent to: X the receiving Office the International Searching Authority X the International Preliminary Examining Authority	the designated Offices concerned X the elected Offices concerned other:				
The international Bureau of WIPQ 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Catherine TOLU (Fax 338-8995)				
Facsimile No. (41.22) 338 89 75	Telephone No. (41 22) 222 2272				

Form PCT/IB/306 (March 1994)

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PCT/EP2003/008824

PATENT COOPERATION TREATY

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PCT	To:				
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The following indications appeared on record concerning: the applicant	the agent the common representative				
Name and Address	State of Nationality State of Residence				
	Telephone No. Fecsimile No. Teleprinter No.				
2. The International Bureau hereby notifies the applicant that t					
Name and Address BEATTIE, David Novarist-Horsham Research Centre Wimblehurst Road Horsham West Sussex RH12 5AB United Kingdom 117					
Further observations, if necessary: The person identified in Box 2 has been added to States of America only and inventor for all designations.	o the record as applicant for the United inated states.				
4. A copy of this notification has been sent to: X the receiving Office the International Searching Authority the International Preliminary Examining Authority	the designated Offices concerned X the elected Offices concerned other:				
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Catherine TOLU (Fax 338-8995)				
Fecsimile No. (41-22) 338.89.75	Telephone No. (41-22) 338 9958				

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COUNTRY/REGION	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIMED			
(OR P.C.T.) Great Britain	0218629.4	09/08/2002	×	Yes		No
Great Britain	0220955.9	10/09/2002	\boxtimes	Yes		No
Grout Dillani			Yes		No	
				Yes		No
				Yes		No

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ı	Application No.	(day/month/year)	Patent No.)	, , , , , , , , , , , , , , , , , , , ,	(day/month/year)	Ц

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Full name of sole or first joint inventor	Bernard CUENOUD	
Inventor's signature	Date	(day/month/year)
Residence	1006 Lausanne, Switzerland	
Citizenship	citizen of Switzerland	
Post Office Address	Rue Voltaire 7 1006 Lausanne Switzerland	
Full name of second joint inventor, if any	Robin Alec FAIRHURST	
Inventor's signature	Robin Alextairhurstpate	7-01-05 (day/month/year)
Residence	West Sussex RH12 5AB, Great Britain	
Citizenship	citizen of Great Britain	
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain	

US Case PR/4 -32610A/HO 61

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

Full name of third joint inventor, if any	Roger John TAYLOR		
Inventor's signature	Roger John Taylor	Date -	7-1-05 (day/month/year)
Residence	West Sussex RH12 5AB, Great Britain		
Citizenship	citizen of Great Britain		
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain		-
Full name of fourth joint inventor, if any	David BEATTIE		
Inventor's signature	David Beattie	Date -	7 - 01 - 05 (day/month/year)
Residence	West Sussex RH12 5AB, Great Britain		
Citizenship	citizen of Great Britain		
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain		
Full name of fifth joint inventor, if any			
Inventor's signature		_ Date	(day/month/year)
Residence			
Citizenship			
Post Office Address			

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Full name of third joint inventor, if any	Roger John TAYLOR	
Inventor's signature	Date	(day/month/year)
		(day/month/year)
Residence	West Sussex RH12 5AB, Great Britain GB3	
Citizenship	citizen of Great Britain	
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain	
Full name of fourth joint inventor, if any	David BEATTIE	
Inventor's signature	Date	(day/month/year)
		(day/illollill/year)
Residence	West Sussex RH12 5AB, Great Britain 68 3	
Citizenship	citizen of Great Britain	
Post Office Address	Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain	
Full name of fifth joint inventor, if any		
Inventor's signature	Date	
		(day/month/year)
Residence		
Citizenship		

Post Office Address

US

TO Read PCT/FTT 26 JAN 2005

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

×	Original		Supplemental		Substitute
As a	below named inventor, I here	by d	eclare that:		
Мγі	esidence, post office address	and	citizenship are as stated below next	to my	name, and
and	ieve I am the original, first an joint inventor (if more than or which a United States patent is	ne na	le inventor (if only one name is listed ame is listed below) of the subject m ght on the invention entitled	d belo atter	w) or an original, first which is claimed and
3E1	ZOTHIAZOLE DERIVATIVE	S HA	VING BETA-2-ADRENORECEPTOR	R AG	ONIST ACTIVITY
he:	specification of which:				*
_	is attached hereto.	٠			
_	was filed on (da	y/mor	as Application No		
	and, if this box (□) contain	ns an	×		
	□ was amended on	(da	ay/month/year)		
X	was filed as Patent Coope	ratio	n Treaty international Application No		
	PCT/EP03/08824		on <u>08/08/2003</u> (day/month/year)		
	and, if this box (□) contain	ns ar	×		
	entered the nation	al st	age in the United States and was acc	ordec	Application No.
	and, if this box (□) contain	ns ar	×		
	was amended, su	bseq	uent to entry into the national stage,	on .	(day/month/year)

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